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TITLE : RESIN LAMINATE AND ITS APPLICATION

ABSTRACT : PROBLEM TO BE SOLVED: To make heat resistance, transparency, flexibility, low temperature impact strength and hygiene improve by specifying the properties of a laminate in which the outer layer is formed from polypropylene, the intermediate layer is formed from elastomer, polyethylene, of polypropylene, and the inner layer is formed from propylene copolymer or polyethylene.

SOLUTION: The outer layer of a laminate is formed from propylene homopolymer or propylene- $\alpha$ -olefin random copolymer which is prepared from at least 50 mole % propylene and ethylene or 4-8C  $\alpha$ -olefin, at least one intermediate layer which constitutes the intermediate layer part is formed by selecting elastomer, polyethylene, and polypropylene, and the inner layer is formed from propylene- $\alpha$ -olefin random copolymer which is prepared from at least 50 mole % of propylene and ethylene or 4-8C  $\alpha$ -olefin or polyethylene. The haze after retort sterilization treatment of the resin laminate is made not exceeding 30%, and the heat distortion temperature is made at least 121°C.

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